

PRZESTRZEŃ PUBLICZNA / PUBLIC SPACE – NAZWA / NAME Lokalizacja / location Piazza Gae Aulenti			
Lokalizacja / location	Lokalizacja na mapce / location on the map Piazza Gae Aulenti 20124 Milano MI, Porta Garibaldi district		
Funkcja obszaru z MPZP lub studium, ew. obserwacji/ function in the area taken from Local Development Plan or Study of the Conditions and Directions of the City's Spatial Development or observation	Public square		
Informacje ogólne / General information			
Projektant (projektanci) przestrzeni i otaczających budynków oraz krajobrazu, rok powstania, ogólna charakterystyka – wielkość etc. / Designer (designers) of this space, surrounding buildings and landscape, year of construction, general characteristics - size, etc.	<ul style="list-style-type: none"> ○ Architects: AECOM ○ Year: 2012 ○ Manufacturers: Ceramiche Frattini ○ Lead Architects: Pelli Clarke Pelli ○ Infrastructure: Alpina ○ Traffic Consultants: ATM ○ Lighting Design: Castiglioni ○ Consultants: J&A Consultants Srl ○ Local Landscape Architects: LAND Milano ○ Structure: MSC ○ Project Architects: Adamson ○ Design Landscape Architects: James Haig Streeter, Claudio Zappia ○ Client: Hines Italia ○ Engineers: Ariatta/Buro Happold ○ Urban Quality: Gehl Architects ○ Managements: Montana ○ Executive Design: Tekne ○ Fire Protection: GTP ○ Water Feature: Wed Fontane ○ Size: 2300 m², 95m in diameter 		
			Kryteria analizy (Opis i ilustracje) / Criteria of analysis (Description and pictures)
ASPEKTY FIZYCZNE PRZESTRZENI / PHYSICAL ASPECTS OF SPACE	ARCHITEKTURA / ARCHITECTURE	KOMPOZYCJA (el. kompozycji – osie, dominanty, akcenty, konkretność wnętrza urbanistycznego, krawędzie, otwarcia, zamknięcia widokowe) / COMPOSITION (elements of composition - axes, dominants,	The square has one main axis and one sub axis perpendicular to the main one. The adjacent buildings create the urban walls of the square. The opening on the east side of the square overlooks UniCredit Pavilion, the opening from the south side overlooks the residential building with distinctive façade colour palette (brown and beige panels, turquoise glass elements). The openings on the west and north sides are less contrast, as the voids between the buildings are linked with canopies.

		accents, specificity of the urban interior, edges, openings, view closures)	
		FUNKCJA (funkcje w przestrzeni, funkcje otaczających budynków) / FUNCTION (functions in space, functions of surrounding buildings)	Offices, retail, café/restaurants.
		GABARYTY (proporcje wielkości pomiędzy przestrzenią a pow. Zabudowy, skala wnętrze, wysokość) / SIZE (proportions of THE size between the space and the built-up area, scale, interior, height)	Surrounded by high-rise (UniTower 231m) and mild-rise buildings.
CHARAKTER ŚCIAN WNĘTRZA / CHARACTER OF THE INTERIOR WALLS		MATERIAŁY ELEWACYJNE / FACADE MATERIALS	Glass, stone tiles, metal rods. Wood (canopies).
		RYTM ELEWACJI, OKNA, PODZIAŁY / RHYTHM OF THE FACADE, WINDOWS, PARTITIONS	The concave facades of the adjacent buildings represent similar to each other grid of the curtain walls partitions. The rhythm of the facades is simple and repetitive with some subtle differences in the south and south-east buildings.
		POSADZKA (wielopoziomowość, nachylenie, materiały wykończeniowe) / FLOORING (levels, slope, finishing materials)	Paved with slate, stone (granite). The square has no slopes.
		ZADASZENIE (jest, jeśli tak to jakie?) / ROOF (if so, what is it?)	Two levels of canopies above the ground floors of the adjacent buildings.
KOMUNIKACJA / TRANSPORT		DOJAZD (typ dostępu, miejsca postojowe, droga pożarowa, alternatywne pojazdy) / DRIVE ACCESS (access type, parking spaces, fire road,	Linked to Milan's main public transport hub (Garibaldi Railway station), metro (Garibaldi FS), tram stop (Garibaldi M2 and M5). Parking for cars are located near railway station. There are bicycle parking racks, parking areas for motorcycles.

		alternative vehicles)	
		DOSTĘP (komunikacja pionowa i pozioma) / ACCESS (vertical and horizontal transport)	Stairs, escalators, elevators
		WEJŚCIA / ENTRANCES	Entrances are located from Via Luigi Strurzo, Via Fratelli Castiglioni (5 entrances altogether).
	ELEMENTY NATURALNE / NATURAL ELEMENTS	ZIELEŃ (rola kompozycyjna) / GREEN (compositional role)	Greenery on the canopies and terraces.
		WODA / WATER	Pool (60m in diameter) with paved paths leading to the sculpture in the centre. The water skin creates a place for children to run across and play, for adults – rest in the coolness of fresh air near the pool during hot sunny days.
		NASŁONECZNIENIE / INSOLATION	The square is well lit on account of the voids between the adjacent buildings. Light wells on the square connect the square with the retail floor and the parking below.
		UKSZTAŁTOWANIE TERENU, MASY ZIEMNE / TERRAIN SHAPE, GROUND WEIGHTS	Raised 10 m above the ground with three intermediate levels (station, parking and retail). As it is located on the hill, connections are made with the slopes, ramps, stairs, elevators, escalators.
	HAŁAS / NOISE	WYTWARZANIE HAŁASU, OCHRONA / GENERATING NOISE, PROTECTION	Noise is mainly generated by the commercials located on the ground floors of the adjacent buildings, the noise protection is provided by cumulating the commercials on the perimeter of the square, inside the circular development.
		HAŁAS Z ZEWNĄTRZ, OCHRONA / NOISE FROM OUTSIDE, PROTECTION	Pool cascades down two floors mitigating the noise pollution of surrounding roads. The adjacent buildings also create a protection from the noise outside the square.
KONTEKST KULTUROWY / CULTURAL CONTEXT	PRZESTRZEŃ / SPACE	dobro wspólne, dzielona na części, prywatna space / common good, divided into parts, private space	Common good.
	ASOCJACJE / ASSOCIATIONS	relacje międzyludzkie, identyfikacja z	Users/workers of the tower's offices, locals, tourists/visitors.

		innymi, struktura społeczna / interpersonal relations, identification with others, social structure	
	ELEMENTY TOŻSAMOŚCI / IDENTITY ELEMENTS	negatywne, pozytywne, miejsce, obiekt, budynek, człowiek/grupa ludzi / negative, positive, place, object, building, person / group of people	The Solar Tree sculpture, the dwells.
	HISTORIA MIEJSCA / HISTORY OF THE PLACE	poza elementami tożsamości?, "miękka" historia? / beyond the elements of identity? "a soft" story?	Dedicated to the designer and architect Gae Aulenti.
ZAGADNIENIA ETYCZNE / ETHICAL ISSUES	DOSTĘPNOŚĆ PRZESTRZENI/ AVAILABILITY OF THE SPACE	przeciwdziałanie wykluczeniom, dostępność dla użytkowników z różnymi potrzebami / preventing exclusions, accessibility for users with different needs	Ramps allow people with disabilities to reach the raised square, escalators to reach Garibaldi station from the square, no architectural barriers in the square.
	POCZUCIE BEZPIECZEŃSTWA / SENSE OF SECURITY	komunikacja (ruch, kolizje, oświetlenie, nieprawidłowe używanie przestrzeni – zagrożenia, gradacja intymności przestrzeni, dystans społeczny / transport (movement, collisions, lighting, incorrect use of space - threats, gradation of intimacy of space, social distance	Flow of people coming from both sides (1- train station 2- Via Melchiorre Gioia), good lightning during the evening that comes from the surrounding buildings, circulation all around the square with paths but also possibility to cross the square through paths crossing the pool. These paths though seem to be quite narrow, creating the problem of social distance while walking.
	INTEGRACYJNA ROLA PRZESTRZENI / INTEGRATING ROLE OF SPACE	miejsca kontaktów społecznych dla różnych grup użytkowników, miejsca inicjacji kontaktów, powiązania przestrzeni wirtualnej z fizyczną / places of	Near the stairs coming from the streets situated in the north and in the south part of the square there are a lot of possibilities for social contacts for various groups of users (dancers, teenagers that listens to music), around the middle part with the water there is a bench which ignites social initiation.

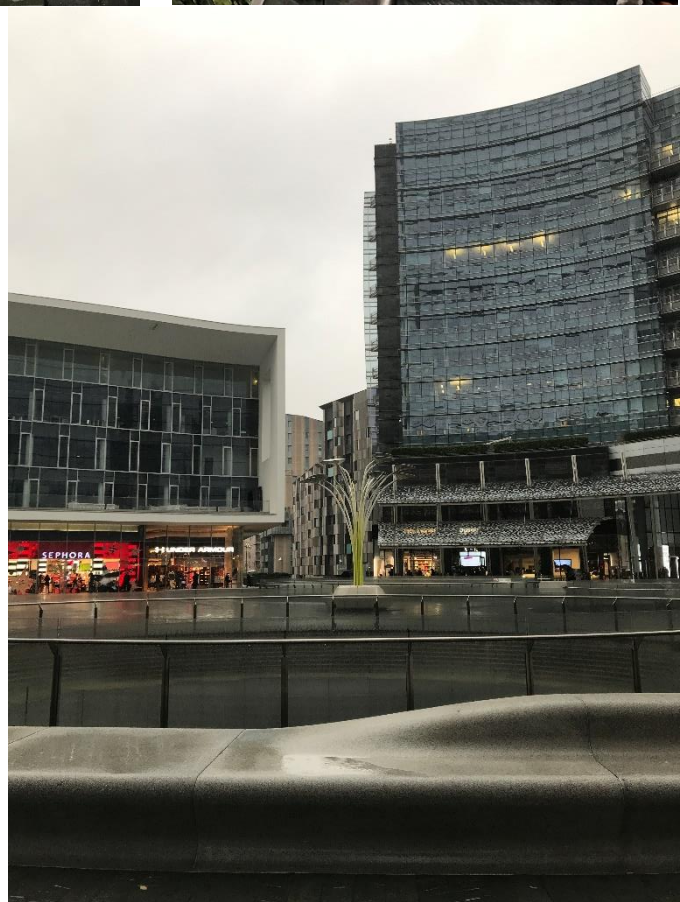
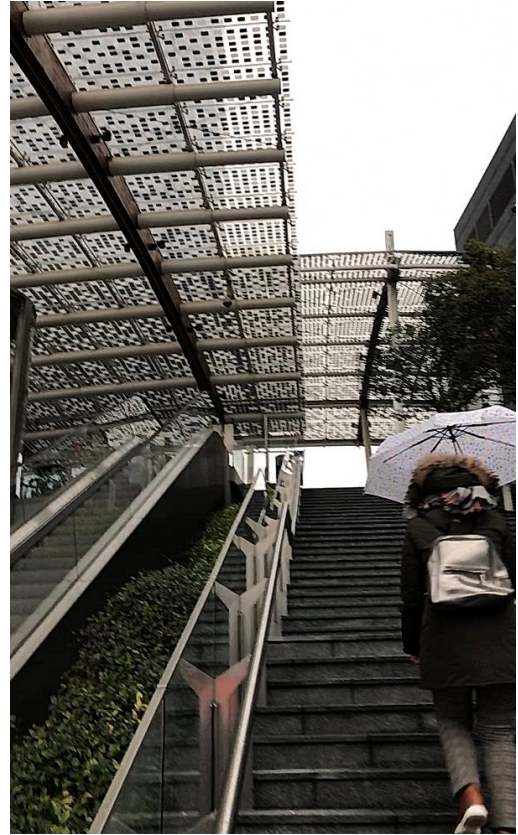
		social contacts for various groups of users, places of contact initiation, connection of virtual and physical space	
	PROCESY PARTYCYPACYJNE / PARTICIPATION PROCESSES	Czy przestrzeń była projektowana w ramach partycypacji? Czy można ją adaptować do potrzeb? Czy istnieje w sieci społeczność związana z przestrzenią? / Was the space designed as part of participation? Can it be adapted to the needs? Is there a community related to space on the web?	The space was designed to make the visitors, locals and users of the surrounding spaces (users of the commercials functions at the ground floor and users of the offices situated in the surrounding buildings) participate in the living of the square thus making these users an active community of this spaces. Moreover the space is adaptable – e.g., the water from the pool can be drained, creating a grand space for large events like concerts or art festivals.
ZAGADNIENIA ŚRODOWISKOWE W KONTEKŚCIE PROJEKTOWANIA ZRÓWNOWAŻONEGO / ENVIRONMENTAL ISSUES IN THE CONTEXT OF SUSTAINABLE DESIGN	GOSPODARKA WODĄ OPADOWĄ / RAINWATER MANAGEMENT	zrównoważona – lokalna, ogólnomiejska, wykorzystanie wody opadowej w terenie, retencja, filtracja, odzysk, chłodzenie / sustainable - local, citywide, use of rainwater in the field, retention, filtration, recovery, cooling	The water is collected via the drainage system located around the wells.
	GOSPODARKA ENERGIĄ ELETRYCZNĄ / ELECTRICITY MANAGEMENT	zasilanie urządzeń, stacje ładowania urządzeń, pojazdów, obwody administracyjne, energia odnawialna czy z sieci, technologie pozyskiwania energii / powering devices, charging stations for devices, vehicles, administrative circuits, renewable energy or energy from the grid, energy generation technologies	The two levels of canopies are covered with solar panels that provide power for the three adjacent towers. No powering devices nor charging stations for devices, vehicles, hidden administrative circuits were noticed while visiting the square.
	ZIELEŃ / GREEN	ochrona przed hałasem, ochrona przed	Water feature (the pool) represents the protection against overheating during the hot seasons.

Group no: 10 Lorenzo Paduano, Zlata Hrabtsevich, Adina-Florina Dogaru

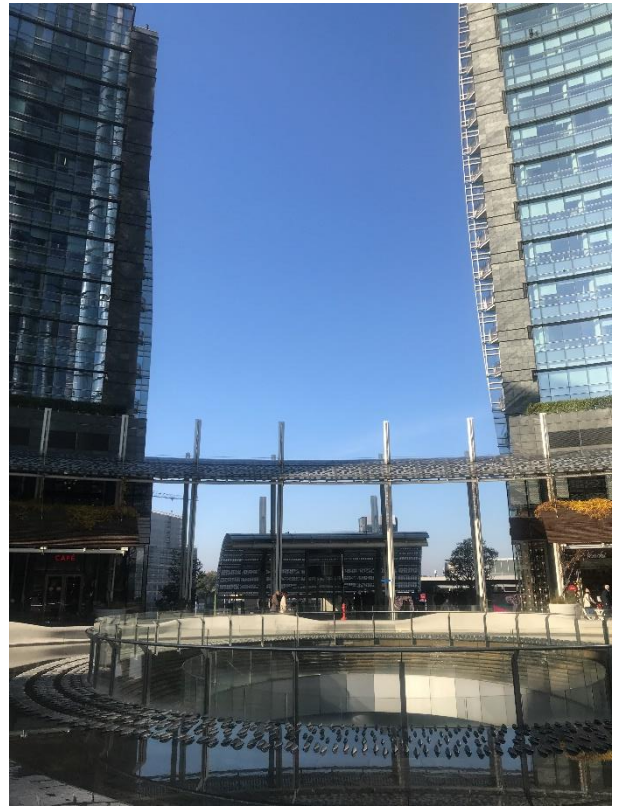
		przegrzewaniem UHI, ochrona przed zanieczyszczeniami, redukcja emisji CO2, produkcja – urban farming / protection against noise, protection against overheating UHI, protection against pollution, reduction of CO2 emissions, production - urban farming	
	EDUKACJA ŚRODOWISKOWA / ENVIRONMENTAL EDUCATION	elementy edukacyjne, zabawki, wyniki pomiarów, dane dotyczące czystości powietrza / educational elements, toys, measurement results, air purity data	No elements of environmental education were documented.

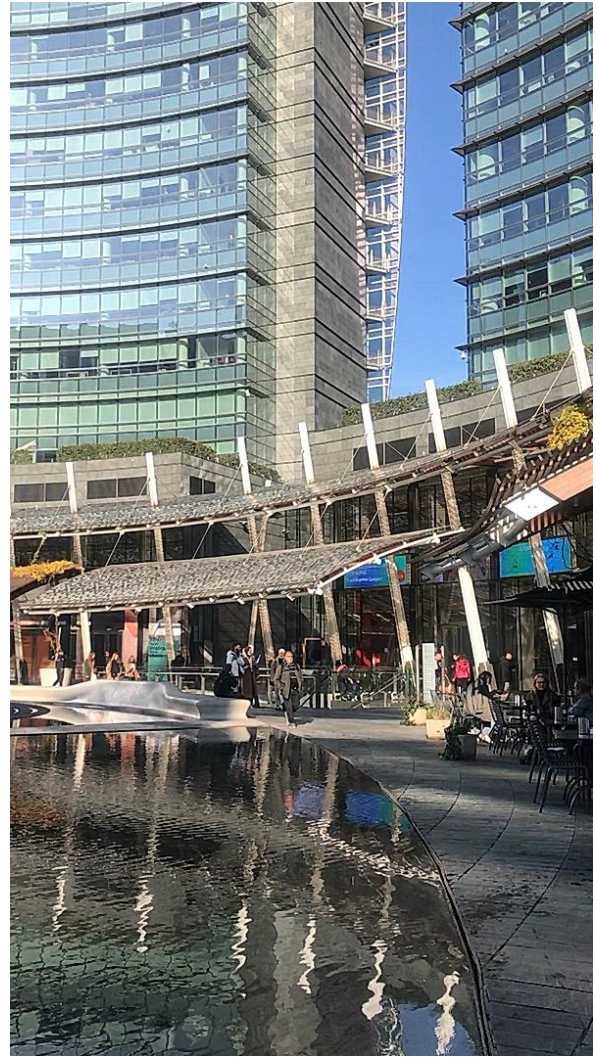
PHOTO DOCUMENTATION

PIAZZA GAE AULENTI 14.11.2021 15.00



PIAZZA GAE AULENTI 18.11.2021 11.00





Group no: 10 Lorenzo Paduano, Zlata Hrabtsevich, Adina-Florina Dogaru

PIAZZA GAE AULENTI 19.11.2021 21.00



Group no: 10 Lorenzo Paduano, Zlata Hrabtsevich, Adina-Florina Dogaru

